

ABSTRACT

The invention is directed to a film which comprises a poly(carboxylic acid) polymer and a polyvalent metal compound, which is endowed with excellent gas barrier property against, for example oxygen, which has such resistance that the appearance, shape, and gas-barrier properties are not impaired by neutral water, high-temperature water vapor, or hot water; a laminate produced by use of the film; and a process for producing the film or laminate industrially conveniently at low cost. The film or laminate of the present invention is suitable for use as a package, packaging container, or vacuum insulation material for articles which are apt to be deteriorated by oxygen, etc., such as foods, beverages, chemicals, medicines, and metallic precision parts; e.g., electronic parts. Furthermore, there can be provided a packaging material suitable for use with articles which are required to be reliably insulated from gases for prolonged periods and should be treated under high-temperature, hot-water conditions as in boiling or pressurized high-temperature sterilization.